

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No. *3226-0981:111 Page 1 of 1

CATEGORY: *Ceiling Dampers

LISTEE: Greenheck Fan, PO Box 410, Schofield, WI 54476-0410
Contact: Marty Gissel (715) 355-6611 FAX (715) 355-3954

DESIGN: Models CRD-60, CRD-60X, CRD-60-1 and CRD-60-2 ceiling dampers for horizontal mounting in air duct outlets or fire-resistive ceilings.

CRD-60 & CRD-60X: Square or rectangular shape, sizes from 4"x4" to 24"x24".
CRD-60-1: 12"x12" with 8" diameter outlet transition connected to bottom of damper.
CRD-60-2: Square or rectangular shape, sizes from 6"x6" to 24"x24" with transitions on top and bottom with diameters of 2" to 4" less than the damper outside dimensions.

Ceiling dampers function as a heat barrier in air handling penetrations through fire resistive ceilings and are intended to maintain the fire resistive integrity of the ceiling. Refer to listee's data sheet for additional detailed product description and operational considerations.

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, and UL label.

APPROVAL: Listed as ceiling dampers for use in fire resistive floor-ceiling or roof-ceiling assemblies with a restrained or unrestrained assembly rating of 3 hours or less. Refer to listee's Installation Instruction Manual for details.

NOTE:

1. Leakage rating not evaluated. Refer to CSFM Listing Category 3230 for listed leakage dampers.
2. Formerly *3225-0981:111

*Corrected 02-26-04



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued:

JUNE 21, 2004

*Listing Expires **June 30, 2005***

Authorized By:

DIANE K. AREND, Senior Deputy
Program Manager